

95-054937/08 A89 E14 G08 (E13) KONS 93.05.26
 KONICA CORP *JP 06332206-A
 93.05.26 93JP-124271 (94.12.02) G03G 5/06, 5/05
Photosensitive material for electrophotography - Includes charge transport layer confg. tris(4-styryl) amine cpd. polycarbonate resin and bi:phenyl deriv.
 C95-024931

A(5-E6B, 12-L5D) E(10-H4A1, 10-H4C1, 10-H4D1, 10-J2B4, 125-A, 25-B1) G(6-F6)

Photosensitive material comprises charge generating layer and the charge transporting layer, in order, on a conductive support. The charge transporting layer contains the cpd. of formula (I) as the charge transport cpd., polycarbonate resin as the binder resin, and the biphenyl deriv. of formula (II).

Ar2, Ar3 = H, -((C6H5-k)R3)k (k: an integer of 0-5), (substd.) macrocyclic condensation hydrocarbon ring, hetero ring, macrocyclic condensn. hetero ring gp. Ar2 and Ar3 are not both and may connect each other to form a ring. R1-R3 = H, (substd.) alkyl, phenyl, alkoxy, phenoxy, cyano gp. halogen carboxyl, acyl, hydroxyl, nitro, amino, alkylamino, arylamino, aralkylamino, cyclic hydrocarbon, macrocyclic condensation hydrocarbon, hetero ring gp. R2 may form the macrocyclic condensn. aromatic C ring with a benzene ring. R4, R5 = H, halogen atom, alkyl, phenyl gp. n, m = an integer of 0-5. USE/ADVANTAGE - Provides the photosensitive material with good sensitivity and durability. # (19pp Dwg.No.0/0)

